

Title (en)

FORECAST MANAGEMENT IN ENERGY GRIDS

Title (de)

VORHERSAGEMANAGEMENT IN ENERGIE NETZEN

Title (fr)

GESTION DES PRÉVISIONS DANS DES GRILLES D'ÉNERGIE

Publication

**EP 3640865 A1 20200422 (EN)**

Application

**EP 18201227 A 20181018**

Priority

EP 18201227 A 20181018

Abstract (en)

A method includes obtaining one or more state forecasts (154) provided by one or more forecast nodes (101) for configuring operation of an energy grid (200) during a forecast interval of the one or more state forecasts (154). The method also includes performing a comparison of the one or more state forecasts (154) with one or more state measurements (156) provided by one or more measurement nodes (201). The method further includes, based on the comparison: setting a trust level of at least one of the one or more forecast nodes (101) and the one or more measurement nodes (201).

IPC 8 full level

**G06Q 10/00** (2012.01)

CPC (source: EP)

**G06Q 10/00** (2013.01)

Citation (search report)

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- [A] JP 2018061345 A 20180412 - SUMITOMO ELECTRIC INDUSTRIES
- [A] RATHNAYAKA A J DINUSHA ET AL: "A Methodology to Find Influential Prosumers in Prosumer Community Groups", IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS, IEEE SERVICE CENTER, NEW YORK, NY, US, vol. 10, no. 1, 1 February 2014 (2014-02-01), pages 706 - 713, XP011533957, ISSN: 1551-3203, [retrieved on 20131212], DOI: 10.1109/TII.2013.2257803
- [A] "Power systems management and associated information exchange - Part 1: Reference architecture", IEC TR 62357-1:2012, IEC, 3, RUE DE VAREMBÉ, PO BOX 131, CH-1211 GENEVA 20, SWITZERLAND, 25 October 2012 (2012-10-25), pages 1 - 114, XP082008760
- [A] ARENAS-MARTINEZ M ET AL: "A Comparative Study of Data Storage and Processing Architectures for the Smart Grid", SMART GRID COMMUNICATIONS (SMARTGRIDCOMM), 2010 FIRST IEEE INTERNATIONAL CONFERENCE ON, IEEE, PISCATAWAY, NJ, USA, 4 October 2010 (2010-10-04), pages 285 - 290, XP031790242, ISBN: 978-1-4244-6510-1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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